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1. A method for selecting a new cell for a station in a cellular telecommunications system, said station being associated with a current cell, said method comprising the steps of:

measuring at the station the strength of a communication from said current cell;

measuring at the station the strength of a communication from at least one other cell;

modifying the result of the measuring step in which the strength of the communication from at least one other cell and/or the current cell is measured to take into account a condition of said current and/or said at least one other cell if the measured strength of the communication from the current cell and/or the measured strength of the communication from the at least one other cell satisfy a predetermined condition;

if the modifying step is performed, comparing the measured strength of said communication from the current cell and the measured strength of the communication from the at least one other cell, at least one of the measured strengths being modified in the modifying step; and

depending of the results of the comparison, changing the current cell with which the station is associated.

2. A method as claimed in claim 1, wherein in said modifying step, a value is added to the result of the measuring step in which the strength of a communication from the at least one other cell is measured.

3. A method as claimed in claim 1, wherein in said modifying step, a function is applied to the result of the measuring step in which the strength of a communication from the at least one other cell is measured.

4. A method as claimed in [any preceding] claim 1, wherein said predetermined condition is that the strength of the communication from at least one other cell is greater than a threshold.

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5. A method as claimed in claimed in claim 4, wherein said threshold is defined relative to the strength of the communication from the current cell.

6. A method as claimed in claim 4 [or 5], wherein information defining said threshold is included in the communication from the current cell.

7. A method as claimed in [any preceding] claim 1, wherein modifying information as to how the measured strength of the communication from the neighbouring cell is to be modified is in the communication from the at least one other cell.

8. A method as claimed in claim 7, wherein the station is provided with timing information defining when the station should next check for said modifying information.

9. A method as claimed in claim 8, wherein said timing information is in the communication from the neighbouring cell.

10. A method as claimed in [any preceding] claim 1, wherein the current cell is changed only if the results of the comparison are such that the modified results exceed the measured strength of the communication from the current cell for a predetermined period of time.

11. A method as claimed in claim 10, wherein information defining the predetermined period of time is in the communication from said current cell.

12. A method as claimed in [any preceding] claim 1, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

13. A method as claimed in claim 12, wherein if the current cell is changed, said value is no longer added to the measured strength of the communication from the old current cell and a



value is added to the measured strength of the communication from the new current cell.

14. A method as claimed in [any preceding] claim 1, wherein said communication from at least one of said current cell and the at least one other cell comprises the broadcast control channel.

15. A method as claimed in [any one of the preceding claims] claim 1, wherein said station has only one or more common channels in said current cell.

16. A method as claimed in [any one of claim 1 to 14] claim 1, wherein said station has at least one dedicated channel in said current cell.

17. A method as claim in [any preceding] claim 1, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

18. A method as claimed in [any preceding] claim 1, wherein said station is a mobile terminal.

19. A method as claimed in [any preceding] claim 1, wherein said telecommunication system is a code division multiple access system.

20. A method as claimed in [any preceding] claim 1, wherein said telecommunication system is a time division multiple access system.

21. A method as claimed in claim 19 [and 20], wherein said telecommunication system is a code division/time division multiple access hybrid.

22. A station for use in a cellular telecommunications system, said station being associated with a current cell, said station comprising:

means for measuring the received strength of a communication from said current cell;

means for measuring the received strength of a communication from at least one other cell;

means for modifying the measured received strength of the communication from the at least one other cell to take into account a condition of said current and/or said at least one other cell if the measured strength of the communication from the current cell and/or the measured strength of the communication from the at least one other cell satisfy a predetermined condition;

means for comparing if the modification means modifies the measured received strength of the communication from the at least one other cell, the modified result with the measured received strength of a communication from the current cell; and

means for causing, depending of the results of the comparison performed by the comparing means, the current cell with which the station is associated to be changed.

23. A cellular telecommunications network comprising:

at least one station as claimed in claim 22, and at least one other station, said at least one other station requiring a different procedure in order to determine if a new current cell is required.

24. A network as claimed in claim 23, wherein the signalling sent by said network to said at least one station and to said at least one other station is dependent on the procedure required by the respective stations to determine if a new current cell is required.

25. A network element in a telecommunications system for sending communications to a station associated with a current cell network element being associated with a cell, said network element being arranged to send information to said station, said information being used by said station to modify measurements of the strength of communications from at least one other cell.

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26. A network element in a telecommunications system for sending communications to a station associated with a current cell network element being associated with a cell, said network element being arranged to send information to said station, wherein said information comprises information defining a threshold, wherein said station is arranged to modify measurements of the received strength of communications from at least one other cell if the measurements exceed said threshold.

27. A network element as claimed in claim 25 [or 26], wherein said network element is associated with the current cell.

28. A network element as claimed in claim 25 [or 26], wherein said network element is associated with said at least one other cell.

29. A method for changing at least one current cell, in a cellular telecommunications network, with which a station is associated, said method comprising the steps of:

measuring at the station the strength of a communication from said at least one current cell;

measuring at the station the strength of a communication from at least one other cell;

modifying the result of the measuring step in which the strength of the communication from at least one other cell and/or the at least one current cell is measured to take into account a condition of said at least one current and/or said at least one other cell if the measured strength of the communication from the current cell and/or the measured strength of the communication from the at least one other cell satisfy a predetermined condition;

if the modifying step is performed, comparing the measured strength of the communication from at least one current cell and the measured strength of a communication from the at least one other cell, at least one of said measured strengths being modified in the modifying step; and

depending of the results of the comparison, changing the at least one current cell with which the station is associated.

30. A method as claimed in claim 2, wherein said predetermined condition is that the strength of the communication from at least one other cell is greater than a threshold.

31. A method as claimed in claim 3, wherein said predetermined condition is that the strength of the communication from at least one other cell is greater than a threshold.

32. A method as claimed in claim 5, wherein information defining said threshold is included in the communication from the current cell.

33. A method as claimed in claim 2, wherein modifying information as to how the measured strength of the communication from the neighbouring cell is to be modified is in the communication from the at least one other cell.

34. A method as claimed in claim 3, wherein modifying information as to how the measured strength of the communication from the neighbouring cell is to be modified is in the communication from the at least one other cell.

35. A method as claimed in claim 4, wherein modifying information as to how the measured strength of the communication from the neighbouring cell is to be modified is in the communication from the at least one other cell.

36. A method as claimed in claim 5, wherein modifying information as to how the measured strength of the communication from the neighbouring cell is to be modified is in the communication from the at least one other cell.

37. A method as claimed in claim 6, wherein modifying information as to how the measured strength of the communication from the neighbouring cell is to be modified is in the communication from the at least one other cell.

38. A method as claimed in claim 2, wherein the current cell is changed only if the results of the comparison are such that the modified results exceed the measured strength of the communication from the current cell for a predetermined period of time.

39. A method as claimed in claim 3, wherein the current cell is changed only if the results of the comparison are such that the modified results exceed the measured strength of the communication from the current cell for a predetermined period of time.

40. A method as claimed in claim 4, wherein the current cell is changed only if the results of the comparison are such that the modified results exceed the measured strength of the communication from the current cell for a predetermined period of time.

41. A method as claimed in claim 5, wherein the current cell is changed only if the results of the comparison are such that the modified results exceed the measured strength of the communication from the current cell for a predetermined period of time.

42. A method as claimed in claim 6, wherein the current cell is changed only if the results of the comparison are such that the modified results exceed the measured strength of the communication from the current cell for a predetermined period of time.

43. A method as claimed in claim 7, wherein the current cell is changed only if the results of the comparison are such that the modified results exceed the measured strength of the communication from the current cell for a predetermined period of time.

44. A method as claimed in claim 8, wherein the current cell is changed only if the results of the comparison are such that the modified results exceed the measured strength of the communication from the current cell for a predetermined period of time.

45. A method as claimed in claim 9, wherein the current cell is changed only if the results of the comparison are such that the modified results exceed the measured strength of the communication from the current cell for a predetermined period of time.

46. A method as claimed in claim 2, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

47. A method as claimed in claim 3, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

48. A method as claimed in claim 4, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

49. A method as claimed in claim 5, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

50. A method as claimed in claim 6, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

51. A method as claimed in claim 7, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

52. A method as claimed in claim 8, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

53. A method as claimed in claim 9, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

54. A method as claimed in claim 10, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

55. A method as claimed in claim 11, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

56. A method as claimed in claim 2, wherein said communication from at least one of said current cell and the at least one other cell comprises the broadcast control channel.

57. A method as claimed in claim 3, wherein said communication from at least one of said current cell and the at least one other cell comprises the broadcast control channel.

58. A method as claimed in claim 4, wherein said communication from at least one of said current cell and the at least one other cell comprises the broadcast control channel.

59. A method as claimed in claim 5, wherein said communication from at least one of said current cell and the at least one other cell comprises the broadcast control channel.

60. A method as claimed in claim 6, wherein said communication from at least one of said current cell and the at least one other cell comprises the broadcast control channel.

61. A method as claimed in claim 7, wherein said communication from at least one of said current cell and the at least one other cell comprises the broadcast control channel.

62. A method as claimed in claim 8, wherein said communication from at least one of said current cell and the at least one other cell comprises the broadcast control channel.

63. A method as claimed in claim 9, wherein said communication from at least one of said current cell and the at least one other cell comprises the broadcast control channel.

64. A method as claimed in claim 10, wherein said communication from at least one of said current cell and the at least one other cell comprises the broadcast control channel.

65. A method as claimed in claim 11, wherein said communication from at least one of said current cell and the at least one other cell comprises the broadcast control channel.

66. A method as claimed in claim 12, wherein said communication from at least one of said current cell and the at least one other cell comprises the broadcast control channel.

67. A method as claimed in claim 13, wherein said communication from at least one of said current cell and the at least one other cell comprises the broadcast control channel.

68. A method as claimed in claim 2, wherein said station has only one or more common channels in said current cell.

69. A method as claimed in claim 3, wherein said station has only one or more common channels in said current cell.

70. A method as claimed in claim 4, wherein said station has only one or more common channels in said current cell.

71. A method as claimed in claim 5, wherein said station has only one or more common channels in said current cell.

72. A method as claimed in claim 6, wherein said station has only one or more common channels in said current cell.

73. A method as claimed in claim 7, wherein said station has only one or more common channels in said current cell.

74. A method as claimed in claim 8, wherein said station has only one or more common channels in said current cell.

75. A method as claimed in claim 9, wherein said station has only one or more common channels in said current cell.

76. A method as claimed in claim 10, wherein said station has only one or more common channels in said current cell.

77. A method as claimed in claim 11, wherein said station has only one or more common channels in said current cell.

78. A method as claimed in claim 12, wherein said station has only one or more common channels in said current cell.

79. A method as claimed in claim 13, wherein said station has only one or more common channels in said current cell.

80. A method as claimed in claim 14, wherein said station has only one or more common channels in said current cell.

81. A method as claimed in claim 2, wherein said station has at least one dedicated channel in said current cell.

82. A method as claimed in claim 3, wherein said station has at least one dedicated channel in said current cell.

83. A method as claimed in claim 4, wherein said station has at least one dedicated channel in said current cell.

84. A method as claimed in claim 5, wherein said station has at least one dedicated channel in said current cell.

85. A method as claimed in claim 6, wherein said station has at least one dedicated channel in said current cell.

86. A method as claimed in claim 7, wherein said station has at least one dedicated channel in said current cell.

87. A method as claimed in claim 8, wherein said station has at least one dedicated channel in said current cell.

88. A method as claimed in claim 9, wherein said station has at least one dedicated channel in said current cell.

89. A method as claimed in claim 10, wherein said station has at least one dedicated channel in said current cell.

90. A method as claimed in claim 11, wherein said station has at least one dedicated channel in said current cell.

91. A method as claimed in claim 12, wherein said station has at least one dedicated channel in said current cell.

92. A method as claimed in claim 13, wherein said station has at least one dedicated channel in said current cell.

93. A method as claimed in claim 14, wherein said station has at least one dedicated channel in said current cell.

94. A method as claim in claim 2, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

95. A method as claim in claim 3, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

96. A method as claim in claim 4, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

97. A method as claim in claim 5, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

98. A method as claim in claim 6, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

99. A method as claim in claim 7, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

100. A method as claim in claim 8, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

101. A method as claim in claim 9, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

102. A method as claim in claim 10, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

103. A method as claim in claim 11, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

104. A method as claim in claim 12, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

105. A method as claim in claim 13, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

106. A method as claim in claim 14, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

107. A method as claim in claim 15, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

108. A method as claim in claim 16, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

109. A method as claimed in claim 2, wherein said station is a mobile terminal.

110. A method as claimed in claim 3, wherein said station is a mobile terminal.

111. A method as claimed in claim 4, wherein said station is a mobile terminal.

112. A method as claimed in claim 5, wherein said station is a mobile terminal.

113. A method as claimed in claim 6, wherein said station is a mobile terminal.

114. A method as claimed in claim 7, wherein said station is a mobile terminal.

115. A method as claimed in claim 8, wherein said station is a mobile terminal.

116. A method as claimed in claim 9, wherein said station is a mobile terminal.

117. A method as claimed in claim 10, wherein said station is a mobile terminal.

118. A method as claimed in claim 11, wherein said station is a mobile terminal.

119. A method as claimed in claim 12, wherein said station is a mobile terminal.

120. A method as claimed in claim 13, wherein said station is a mobile terminal.

121. A method as claimed in claim 14, wherein said station is a mobile terminal.

122. A method as claimed in claim 15, wherein said station is a mobile terminal.

123. A method as claimed in claim 16, wherein said station is a mobile terminal.

124. A method as claimed in claim 17, wherein said station is a mobile terminal.

125. A method as claimed in claim 2, wherein said telecommunication system is a code division multiple access system.

126. A method as claimed in claim 3, wherein said telecommunication system is a code division multiple access system.

127. A method as claimed in claim 4, wherein said telecommunication system is a code division multiple access system.

128. A method as claimed in claim 5, wherein said telecommunication system is a code division multiple access system.

129. A method as claimed in claim 6, wherein said telecommunication system is a code division multiple access system.

130. A method as claimed in claim 7, wherein said telecommunication system is a code division multiple access system.

131. A method as claimed in claim 8, wherein said telecommunication system is a code division multiple access system.

125. A method as claimed in claim 2, wherein said telecommunication system is a code division multiple access system.

126. A method as claimed in claim 3, wherein said telecommunication system is a code division multiple access system.

127. A method as claimed in claim 4, wherein said telecommunication system is a code division multiple access system.

128. A method as claimed in claim 5, wherein said telecommunication system is a code division multiple access system.

129. A method as claimed in claim 6, wherein said telecommunication system is a code division multiple access system.

130. A method as claimed in claim 7, wherein said telecommunication system is a code division multiple access system.

131. A method as claimed in claim 8, wherein said telecommunication system is a code division multiple access system.

132. A method as claimed in claim 9, wherein said telecommunication system is a code division multiple access system.

133. A method as claimed in claim 10, wherein said telecommunication system is a code division multiple access system.

134. A method as claimed in claim 11, wherein said telecommunication system is a code division multiple access system.

135. A method as claimed in claim 12, wherein said telecommunication system is a code division multiple access system.

136. A method as claimed in claim 13, wherein said telecommunication system is a code division multiple access system.

137. A method as claimed in claim 14, wherein said telecommunication system is a code division multiple access system.

138. A method as claimed in claim 15, wherein said telecommunication system is a code division multiple access system.

139. A method as claimed in claim 16, wherein said telecommunication system is a code division multiple access system.

140. A method as claimed in claim 17, wherein said telecommunication system is a code division multiple access system.

141. A method as claimed in claim 18, wherein said telecommunication system is a code division multiple access system.

142. A method as claimed in claim 2, wherein said telecommunication system is a time division multiple access system.

143. A method as claimed in claim 3, wherein said telecommunication system is a time division multiple access system.

144. A method as claimed in claim 4, wherein said telecommunication system is a time division multiple access system.

145. A method as claimed in claim 5, wherein said telecommunication system is a time division multiple access system.

146. A method as claimed in claim 6, wherein said telecommunication system is a time division multiple access system.

147. A method as claimed in claim 7, wherein said telecommunication system is a time division multiple access system.

148. A method as claimed in claim 8, wherein said telecommunication system is a time division multiple access system.

149. A method as claimed in claim 9, wherein said telecommunication system is a time division multiple access system.

150. A method as claimed in claim 10, wherein said telecommunication system is a time division multiple access system.

151. A method as claimed in claim 11, wherein said telecommunication system is a time division multiple access system.

152. A method as claimed in claim 12, wherein said telecommunication system is a time division multiple access system.

153. A method as claimed in claim 13, wherein said telecommunication system is a time division multiple access system.

154. A method as claimed in claim 14, wherein said telecommunication system is a time division multiple access system.

155. A method as claimed in claim 15, wherein said telecommunication system is a time division multiple access system.

156. A method as claimed in claim 16, wherein said telecommunication system is a time division multiple access system.

157. A method as claimed in claim 17, wherein said telecommunication system is a time division multiple access system.

158. A method as claimed in claim 18, wherein said telecommunication system is a time division multiple access system.

159. A method as claimed in claim 19, wherein said telecommunication system is a time division multiple access system.

160. A method as claimed in claim 20, wherein said telecommunication system is a code division/time division multiple access hybrid.

161. A network element as claimed in claim 26, wherein said network element is associated with the current cell.

162. A network element as claimed in claim 26, wherein said network element is associated with said at least one other cell.